

I claim:

1. An apparatus for allowing a plurality of samples on a single slide to be organized and stained, comprising:

a base,

three walls,

four semi-circular tabs,; and

a labeled grid illustrated on the base.

2. The apparatus of claim 1, wherein the base comprises a thin, inflexible sheet of plastic, or other appropriate material, of a size slightly bigger in width and length than the slide to be used in conjunction with the base.

3. The apparatus of claim 1, wherein the walls comprise a continuous, raised boundary around three consecutive sides of the base, said walls creating a surface on the base the proper size for securing a slide within the area formed between the walls and the base.

4. The apparatus of claim 1, wherein the four semi-circular tabs are formed at the top of and perpendicular to the walls in such a manner as to create a space between the tabs and the base the proper width to secure a slide between the tabs and the base.

5. The apparatus of claim 1, wherein the grid is drawn on the base in the area defined by the base and the three walls, said grid consisting of a matrix and appropriate labels, said labels consisting of letters along one side of the array, and numbers along the other side of the array.

6. The apparatus of claim 1, further comprising a protruding thumb-grip for gripping the holder.

7. A method for using the slide holder comprising:

the step of inserting the slide into the holder via the side of the holder without a wall; and

the step of noting in which grid location within the microarray each sample is located.